NON-HUMAN GENETICALLY MODIFIED MAMMAL LACKING THE ALPHA-FETOPROTEIN
Gabant, et al.
Appl. No.: 10/031,021   Atty Docket: VANM243.   PC1

7/7

Afp Genetic Sequence

```
tcccacttcc agcactgcct gcggtgaagg aacaagcagc catgaagtgg atcacacccg
cttccctcat cctcctgcta catttcgctg cgtccaaagc attgcacgaa aatgagtttg
ggatagcttc cacgttagat tcctcccagt gcgtgacgga gaagaatgtg cttagcatag
ctaccatcac ctttacccag tttgttccgg aagccaccga ggaggaagtg aacaaaatga
ctagcgatgt gttggctgca atgaagaaaa actctggcga tgggtgttta gaaagccagc
tatctgtgtt tctggatgaa atttgccatg agacggaact ctctaacaag tatggactct
caggctgctg cagccaaagt ggagtggaaa gacatcagtg tctgctggca cgcaagaaga
ctgctccggc ctctgtccca cccttccagt ttccagaacc tgccgagagt tgcaaagcac
atgaagaaaa cagggcagtg ttcatgaaca ggttcatcta tgaagtgtca aggaggaacc
ccttcatgta tgccccagcc attctgtcct tggctgctca gtacgacaag gtcgttctgg
catgctgcaa agctgacaac aaggaggagt gcttccagac aaagagagca tccattgcaa
aggaattaag agaaggaagc atgttaaatg agcatgtatg ttcagtgata agaaaatttg
gatcccgaaa cctccaggca acaaccatta ttaagctaag tcaaaagtta actgaagcaa
attttactga gattcagaag ctggccctgg atgtggctca catccacgag gagtgttgcc
aaggaaactc gctggagtgt ctgcaggatg gggaaaaagt catgacatat atatgttctc
aacaaaatat tctgtcaagc aaaatagcag agtgctgcaa attacccatg atccaactag
gcttctgcat aattcacgca gagaatggcg tcaaacctga aggcttatct ctaaatccaa
gccagttttt gggagacaga aattttgccc aattttcttc agaggaaaaa atcatgttca
tggcaagctt tcttcatgaa tactcaagaa ctcaccccaa ccttcctgtc tcagtcattc
taagaattgc taaaacgtac caggaaatat tggagaagtg ttcccagtct ggaaatctac
ctggatgtca ggacaatctg gaagaagaat tgcagaaaca catcgaggag agccaggcac
tgtccaagca aagctgcgct ctctaccaga ccttaggaga ctacaaatta caaaatctgt
tccttattgg ttacacgagg aaagcccctc agctgacctc agcagagctg atcgacctca
ccgggaagat ggtgagcatt gcctccacgt gctgccagct cagcgaggag aaatggtccg
gctgtggtga gggaatggcc gacattttca ttggacattt gtgtataagg aatgaagcaa
gccctgtgaa ctctggtatc agccactgct gcaactcttc gtattccaac aggaggctat
gcatcaccag ttttctgagg gatgaaacct atgcccctcc cccattctct gaggataaat
tcatcttcca caaggatctg tgccaagctc agggcaaagc cctacagacc atgaaacaag
agcttctcat taacctggtg aagcaaaagc ctgaactgac agaggagcag ctggcggctg
tcactgcaga tttctcgggc cttttggaga agtgctgcaa agcccaggac caggaagtct
gtttcacaga agagggtcca aagttgattt ccaaaactcg tgatgctttg ggcgtttaaa
catctccaga aggaagagtg gacaaaaaaa tgtgttgacg ctttggtgtg agccttttgg
cttaactgta actgctagta ctttaaccac atggtgaaga tgtccatgtg agatttctat
accttaggaa taaaaacttt tcaactatt
```
(SEQ ID NO: 7)

```
MKWITPASLILLLHFAASKALHENEFGIASTLDSSQCVTEKNVLSIATITFTQFVPEATEEEVNKMTSDVLAAMKKNSGD
GCLESQLSVFLDEICHETELSNKYGLSGCCSQSGVERHQCLLARKKTAPASVPPFQFPEPAESCKAHEENRAVFMNRFIY
EVSRRNPFMYAPAILSLAAQYDKVVLACCKADNKEECFQTKRASIAKELREGSMLNEHVCSVIRKFGSRNLQATTIIKLS
QKLTEANFTEIQKLALDVAHIHEECCQGNSLECLQDGEKVMTYICSQQNILSSKIAECCKLPMIQLGFCIIHAENGVKPE
GLSLNPSQFLGDRNFAQFSSEEKIMFMASFLHEYSRTHPNLPVSVILRIAKTYQEILEKCSQSGNLPGCQDNLEEELQKH
IEESQALSKQSCALYQTLGDYKLQNLFLIGYTRKAPQLTSAELIDLTGKMVSIASTCCQLSEEKWSGCGEGMADIFIGHL
CIRNEASPVNSGISHCCNSSYSNRRLCITSFLRDETYAPPPFSEDKFIFHKDLCQAQGKALQTMKQELLINLVKQKPELT
EEQLAAVTADFSGLLEKCCKAQDQEVCFTEEGPKLISKTRDALGV
```
(SEQ ID NO: 8)

FIG. 5